Index of Claims

| Application/Control No. | Applicant(s)/Patent under Reexamination |  |
|-------------------------|---|--|
| 10/804,020              | JEOUNG, HUN                             |  |
| Examiner                | Art Unit                                |  |
| Richard H. Kim          | 2871                                    |  |

| , | Rejected | _ | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
| = | Allowed  | + | Restricted                     |

| N | Non-Elected  | A | Appeal   |
|---|--------------|---|----------|
| 1 | Interference | 0 | Objected |

| Claim Date |          |                 |                 |          |  | Claim Date                                       |              |              |          |          |                   |          |                      | CI        | Date     |   |              |   |         |  |   |       |              |                 |                 |          |          |          |          |                 |          |          |
|------------|----------|-----------------|-----------------|----------|--|--|--------------|--------------|----------|----------|-------------------|----------|----------------------|-----------|----------|---|--------------|---|---------|--|---|-------|--------------|-----------------|-----------------|----------|----------|----------|----------|-----------------|----------|----------|
|            |          | S               | П               |          | Γ  |  |              |              |          |          |                   | =        |                      |           | П        |   | T            | Т   |         |  |   |       | <del>-</del> |                 |                 |          |          |          |          |                 |          |          |
| Final      | Original | 12/21/05        |                 |          |  |  |              | l            | ĺ        |          | Final             | Original |                      | ı         |          |   |              |   |         |  |   | Final | Original     |                 | •               |          |          |          |          |                 | . !      |          |
| ίĒ         | ٦        | 2/2             | ll              |          | l  |  |              | l            |          |          | ίĒ                | Ž        | H                    |           |          |   |              |   |         |  |   | 证     | Į į          |                 |                 |          |          |          |          |                 | , /      |          |
|            |          |                 |                 |          | _  |  | ┡            | ▙            | _        | _        |                   |          | Ш                    |           | _        | _   | _            |   | _       | <b>_</b>                               |   |       |              | <u> </u>        | _               | Ш        |          |          |          |                 |          | Щ        |
|            | 1        | N               |                 | _        | <u> </u>   |  | <u> </u>     | <u> </u>     | <u> </u> |          |                   | 51       | Ш                    |           | _        | _   | 4            | _   | -       |  |   | ļ     | 101          | _               | ╙               | Ш        |          |          | L        | $\sqcup$        |          | Щ        |
| ļ          | 2        | N               |                 |          | <u> </u>   | -  | ļ.,          | 1            | _        |          |                   | 52       |                      |           | _+       | -   | _            |   |         | -                                      |   |       | 102          | <u> </u>        | ┞               | H        |          | _        | <u> </u> |                 | $\dashv$ | $\vdash$ |
|            | 3        | N               | $\vdash \vdash$ |          | <u> </u>   | -  | <del> </del> | ⊢            | ⊢        |          |                   | 53       | Н                    | 4         | _        | -   | 4            | +   | +       | -                                      |   |       | 103          | ├               | ├               | Н        |          | _        | _        | $\vdash \vdash$ | _        | Н        |
|            | 5        | N               | Н               | _        | ⊢  | -  | ┢            | ├-           | ⊬        | _        |                   | 54<br>55 | $\vdash$             | $\dashv$  | -        | -   | +            | +   | +       | ╁                                      |   |       | 104<br>105   | ⊢               | -               | $\vdash$ | _        |          | $\vdash$ | -               | $\dashv$ | Н        |
|            | 6        | N               | $\vdash$        |          | $\vdash$   | ┝  | ₩            | ╁            | ⊢        |          |                   | 56       |                      | -         | -        | -+  | +            | +   | +       | +-                                     |   |       | 106          | ⊢               | $\vdash$        | Н        | $\vdash$ |          |          | -               |          | $\vdash$ |
|            | 7        | N               | $\vdash$        |          |  | ŀ  | -            | -            | ┢        |          | $\vdash$          | 57       | Н                    | $\dashv$  | $\dashv$ | $\dashv$  | +            | +   | +       | +                                      |   |       | 107          | ├               | ╁╴              | H        | _        |          |          | Н               | $\dashv$ | Н        |
| <u> </u>   | 8        | N               | $\vdash$        | _        | -  | ┢╌   | ╁╴           | +-           | ╁        | _        |                   | 58       | Н                    | -         | $\dashv$ | $\dashv$  | $\dashv$     | +   | +       | +                                      |   |       | 108          | ┢               | $\vdash$        | Н        | -        | -        | -        | $\vdash$        | $\neg$   | $\vdash$ |
|            | 9        | N               | Н               | _        | $\vdash$   | $\vdash$   | ┢            | $\vdash$     | ┢        | -        |                   | 59       |                      | $\dashv$  | 十        | 十   | -            | +   | ╫       | +                                      | ı |       | 109          | $\vdash$        |                 | Н        | $\vdash$ |          |          | $\vdash$        | $\dashv$ | $\vdash$ |
| _          | 10       | N               | Н               | _        |  |  | $\vdash$     | <u> </u>     | 一        | _        |                   | 60       |                      | _         | $\neg$   | 十   | _            | +   | +-      | 1                                      |   |       | 110          | $\vdash$        |                 | H        |          |          |          | $\vdash$        | $\dashv$ | $\dashv$ |
|            | 11       | N               | $\vdash$        | _        | <del>                                     </del> | <del>                                     </del> | T            | $t^-$        | Г        | $\vdash$ |                   | 61       | $\vdash$             |           | $\dashv$ | +   | +            | +   | +-      | $\top$                                 |   |       | 111          | T               |                 | Н        | М        |          |          | $\Box$          | $\dashv$ | $\sqcap$ |
|            | 12       | N               | М               |          | $\vdash$   |  | T            |              | Г        | $\vdash$ |                   | 62       | $\Box$               | $\neg$    | $\dashv$ | 寸   | 十            | 1   | 1       | 1                                      | ١ |       | 112          |                 | П               |          |          |          |          |                 |          | $\dashv$ |
|            | 13       | N               |                 |          |  | 1  |              |              | Г        |          |                   | 63       | П                    | $\neg$    | $\dashv$ | 寸   | 7            | $\top$  | $\top$  | T                                      |   |       | 113          |                 |                 | П        |          |          |          | П               | $\neg$   | П        |
|            | 14       | N               |                 |          |  |  |              |              |          |          |                   | 64       |                      |           |          |   |              | ╗   | $\Box$  |  |   |       | 114          |                 |                 |          |          |          |          |                 |          |          |
|            | 15       | N               |                 |          |  |  |              |              |          |          |                   | 65       |                      |           |          |   |              | $oldsymbol{ol}}}}}}}}}}}}}}}$ | I       |  |   |       | 115          |                 |                 |          |          |          |          |                 |          |          |
|            | 16       | N               |                 |          |  |  |              |              |          |          |                   | 66       | $\square$            |           |          |   |              |   |         |  |   |       | 116          |                 |                 |          |          |          |          |                 |          |          |
|            | 17       | 1               | $\Box$          |          |  | $\Box$   |              |              |          |          |                   | 67       | $\Box$               |           |          | $\bot$  | $\perp$      | $\perp$   |         | $\perp$                                |   |       | 117          |                 |                 |          |          |          |          | $\Box$          |          |          |
|            | 18       | 1               |                 |          | L  | L  | L            |              |          |          |                   | 68       | Ш                    |           | $\perp$  |   | $\perp$      | _ _   | ┸       |  |   |       | 118          |                 |                 |          |          |          |          |                 |          |          |
|            | 19       | 1               |                 |          | _  |  | _            |              | L        |          |                   | 69       | Ш                    |           |          | _   |              | _   | ┸       | 1                                      |   |       | 119          |                 |                 |          |          |          | Ш        | $\Box$          |          |          |
|            | 20       | 1               |                 |          |  | <u> </u>   |              | <u> </u>     |          |          |                   | 70       | Ц                    | _         | _        | 4   | _            | _   | ┸       | ┸                                      |   |       | 120          | _               |                 |          |          |          |          |                 | _        |          |
|            | 21       | N               |                 |          | _  | _  |              |              | _        |          |                   | 71       | Щ                    | _         | 4        | $\perp$   | $\dashv$     | $\bot$  | $\bot$  | ــــــــــــــــــــــــــــــــــــــ |   |       | 121          |                 | Ш               |          |          |          | Ш        | $\dashv$        | _        | _        |
|            | 22       | : 2             | Н               | _        | <u> </u>   | _  | _            | ┡            | _        |          |                   | 72       | Н                    | -         |          | $\dashv$  | 4            | +   | - -     | ┼                                      |   |       | 122          | _               |                 |          |          |          |          | _               | 4        | _        |
|            | 23       | N               |                 |          | <u> </u>   | _  | _            | ⊢            |          |          |                   | 73       | $\vdash$             | 4         | $\dashv$ | +   | -            | +   | 4       | 1-                                     |   |       | 123          | <u> </u>        |                 | -        |          | _        | Н        | $\dashv$        | $\dashv$ | $\dashv$ |
|            | 24       | Н               | $\dashv$        |          | -  |  | -            | ├            | -        |          |                   | 74       | Н                    | -         | -+       | +   |              | +   |         |  |   |       | 124          |                 |                 |          |          | _        |          |                 | -        |          |
|            | 25<br>26 | Н               | -               | _        | _  |  | ├            | ├            | $\vdash$ |          | $\vdash$          | 75<br>76 | $\vdash$             | -+        |          | +   | +            |   | +       | +                                      |   |       | 125<br>126   | -               | $\vdash$        |          | _        |          |          |                 | $\dashv$ |          |
|            | 27       | Н               | $\dashv$        | _        | ┝  | -  | ⊢            | ⊢            | -        |          | -                 | 77       | Н                    | -         | -        | $\dashv$  | +            | +   | ╁       | +                                      |   |       | 127          | -               | H               | -        | $\dashv$ | _        | -        | $\dashv$        | $\dashv$ |          |
|            | 28       | Н               | -               | _        | ┢  | $\vdash$   | $\vdash$     | ┢            | $\vdash$ |          |                   | 78       | Н                    | $\dashv$  | $\dashv$ | $\dashv$  | $\dashv$     | +   | ╁       | +-                                     |   |       | 128          | $\vdash$        | $\vdash$        |          | -        | _        | $\vdash$ | $\dashv$        | $\dashv$ | _        |
|            | 29       | H               |                 |          | $\vdash$   |  | ┢            | ┢            | H        |          |                   | 79       | -                    | $\dashv$  | 十        | $\dashv$  | +            | +   | ╁       | +                                      |   |       | 129          | $\vdash$        | Н               |          | $\neg$   | $\dashv$ | Н        |                 | ᅱ        | -        |
| -          | 30       | Н               |                 |          |  | -  | $\vdash$     |              | $\vdash$ |          |                   | 80       | H                    | +         | $\dashv$ | +   | 十            | +   | ╁       | +                                      |   |       | 130          | $\vdash$        | H               | $\dashv$ |          | $\equiv$ | Н        | $\dashv$        | $\dashv$ |          |
|            | 31       | Н               | $\Box$          |          | _  | -  | $\vdash$     | Т            | H        | _        |                   | 81       | Н                    | $\dashv$  | 十        | $\dashv$  | $\dashv$     |   | +       | 1                                      |   |       | 131          |                 | Н               | $\neg$   | $\neg$   | -        | П        | $\neg$          | 一        | _        |
|            | 32       | П               |                 |          | _  |  | $\vdash$     | П            |          |          |                   | 82       | H                    | $\exists$ | 十        | $\dashv$  | $\top$       | $\top$  | $\top$  | +                                      |   |       | 132          |                 | П               | $\neg$   |          |          |          |                 | $\dashv$ | $\neg$   |
|            | 33       |                 |                 |          |  |  |              |              |          |          |                   | 83       | П                    | $\neg$    | T        | 十   | 寸            | $\top$  | T       |  |   |       | 133          |                 |                 |          |          |          |          |                 | $\neg$   | ヿ        |
|            | 34       |                 |                 |          |  |  |              |              |          |          |                   | 84       |                      |           |          |   |              |   |         |  |   |       | 134          |                 |                 |          |          |          |          |                 |          | $\Box$   |
|            | 35       |                 |                 |          |  |  |              |              |          |          |                   | 85       |                      |           |          | $\Box$  |              |   | $\perp$ |  |   |       | 135          |                 |                 |          |          |          |          |                 |          |          |
|            | 36       |                 |                 |          |  |  |              |              |          |          |                   | 86       |                      |           | $\Box$   | $\Box$  | $\Box$       | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{\Box}}}$   |         |  |   |       | 136          |                 |                 |          |          |          |          |                 |          |          |
|            | 37       |                 |                 |          |  |  |              |              |          |          |                   | 87       |                      |           | $\Box$   | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $oxed{oxed}$ |   |         |  |   |       | 137          |                 |                 |          |          |          |          | $\Box$          |          |          |
|            | 38       | $\square$       |                 |          | Ш  |  | lacksquare   | $oxed{oxed}$ | Щ        |          |                   | 88       | Ш                    |           | $\perp$  | $\perp$   | $\perp$      |   |         |  |   |       | 138          |                 | Ш               | Ц        |          |          |          | $\Box$          |          |          |
|            | 39       | Ш               | $\Box$          |          |  |  | <u> </u>     | _            | Ш        |          |                   | 89       | Ш                    | $\perp$   |          |   |              | $\perp$   | $\perp$ | $\perp$                                |   |       | 139          | Ш               | Ш               | Ш        | ]        | $\Box$   |          |                 |          | $\Box$   |
|            | 40       | $\square$       | $\dashv$        | _        |  |  | _            | Щ            | Щ        |          |                   | 90       | $\sqcup$             |           | $\perp$  | _   | _            | 4   | 1       | $\perp$                                |   |       | 140          | Ш               | Ш               | Щ        |          | $\Box$   | Ш        | _               | _        | _        |
|            | 41       | $\square$       |                 | _        | <u> </u>   | Ш  | ╙            | <u> </u>     | $\sqcup$ |          | $\longrightarrow$ | 91       | $\sqcup$             | _         | $\dashv$ | _   | 4            | 4-  | $\perp$ | $\sqcup$                               |   |       | 141          | Щ               | Ш               | <u> </u> | _        |          | $\Box$   | _               | _        | _        |
|            | 42       | Ш               | $\dashv$        | 4        | $\vdash$   |  | <u> </u>     | _            | Щ        | 4        | $\vdash$          | 92       | $\vdash \vdash$      | -         | +        | -   | 4            | 4   | +       | $\vdash$                               |   |       | 142          | $\vdash \vdash$ | Ш               | $\dashv$ | _        | _        |          | 4               | _        | _        |
|            | 43       | $\vdash \vdash$ | $\dashv$        | _        | $\vdash$   |  | <u> </u>     | -            | $\vdash$ | $\dashv$ |                   | 93       | $\vdash \vdash$      | -+        | $\dashv$ | +   | +            | +   | +       | -                                      |   |       | 143          | Ш               | $\vdash \vdash$ | _        | $\dashv$ | _        |          | _               |          | $\dashv$ |
|            | 44<br>45 | $\vdash \vdash$ | $\dashv$        | $\dashv$ |  |  | $\vdash$     | ⊢⊦           | $\vdash$ |          |                   | 94       | $\vdash$             | -+        | $\dashv$ | +   | +            | +   | +       | +                                      |   |       | 144          | Щ               | $\vdash \vdash$ |          | $\dashv$ | -        | -        | $\dashv$        | $\dashv$ | -4       |
|            | 46       | $\vdash$        | $\dashv$        | $\dashv$ |  | $\vdash$   | <u> </u>     | $\vdash$     | Н        | $\dashv$ | -                 | 95<br>96 | $\vdash$             | $\dashv$  | +        | +   | +            | - -   | +-      | ₩                                      |   |       | 145<br>146   | Н               | $\vdash\vdash$  | $\dashv$ | $\dashv$ | -        | -        | $\dashv$        |          | $\dashv$ |
|            | 47       | $\dashv$        | $\dashv$        | $\dashv$ | H  | $\dashv$   | -            | $\vdash$     | $\vdash$ | $\dashv$ | -                 | 97       | ${oldsymbol{arphi}}$ | +         | +        | +   | $\dashv$     | +   | +       | +                                      |   |       | 147          | $\vdash$        | $\vdash$        | $\dashv$ | -        |          | -        | -               |          | $\dashv$ |
|            | 48       | $\dashv$        | $\dashv$        | $\dashv$ |  | $\vdash$   | ⊢            | $\vdash$     | Н        | $\dashv$ |                   | 98       | $\vdash \vdash$      | $\dashv$  | +        | +   | +            | +   | +       | ╁┤                                     |   |       | 147          | $\vdash$        |                 | -        | -        | -        | $\dashv$ | -               | $\dashv$ | $\dashv$ |
|            | 49       | $\dashv$        | $\dashv$        | $\dashv$ | $\vdash$   |  | Н            | $\vdash$     | Н        | $\dashv$ |                   | 99       | $\vdash$             | $\dashv$  | +        | +   | +            | +   | +       | ╁┤                                     |   |       | 149          | ⊢⊢              | $\vdash$        |          |          |          | $\dashv$ | -               | $\dashv$ | $\dashv$ |
|            | 50       | $\vdash$        | $\dashv$        | $\dashv$ | $\dashv$   |  | -            | $\vdash$     | Н        |          | $\dashv$          | 100      | $\vdash$             | $\dashv$  | +        | ╅   | ┽            | +   | +       | ╁┼                                     |   |       | 150          | $\vdash$        | $\vdash$        | -        | $\dashv$ | -        | -        | -+              | -        | $\dashv$ |
| !          | JU       |                 |                 | _        | $\Box$   |  | L            | ш            | ш        |          | <br>              | 100      | ш                    |           | L        |   | _L           | ــــــــــــــــــــــــــــــــــــــ  | 1       | لبل                                    |   |       | 130          |                 | لــــا          |          |          |          |          |                 |          |          |